

Appl. No. 10/761,737

Preliminary Amdt. Dated March 11, 2004

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in this application.

1. (Currently Amended) A lens layout setting apparatus for a lens grinding processing apparatus comprising:

function setting means for performing various settings required for processing eyeglass lens shape data for an eyeglass frame, and data used for grinding ~~the~~ an eyeglass lens based on the eyeglass lens shape data, and setting one or more of setting items; and

control means for controlling said function setting means.

wherein said ~~layout setting apparatus further comprises~~ control means controls to add, to delete or to re-arrange setting items of said function setting means so that addition or deletion of said setting item of said function setting means, or re-arrangement of an order of said setting item, is carried out.

2. (Currently Amended) A lens layout setting apparatus for a lens grinding processing apparatus comprising:

function setting means for performing on a screen various settings required for processing eyeglass lens shape data for an eyeglass frame, and data used for grinding ~~the~~ an eyeglass lens based on the eyeglass lens shape data, and setting one or more of setting items; and

control means for controlling said function setting means.

wherein said ~~layout setting apparatus further comprises control means for performing control in such a manner that a cursor is matched with an item displayed on the screen corresponding to the~~ controls setting items of the said function setting means ~~and a specified so that said setting item of said function setting means is loaded set~~ when a predetermined time has passed ~~after the matching a cursor is matched with an item displayed on said screen corresponding to said setting item and the item is specified.~~

3. (Currently Amended) A lens layout setting display apparatus for a lens grinding processing apparatus comprising:

display means ~~for displaying various setting items required for processing on which~~ eyeglass lens shape data for an eyeglass frame and data used for of eyeglass lens grinding process required for grinding an the eyeglass lens based on the eyeglass lens shape data are displayed; and
control means for controlling said display means.

wherein said control means controls displaying of said display means displays so that at least either or both of a tab arranged to display a layout operating screen for setting a layout of the eyeglass lens shape data for an eyeglass frame, and a tab arranged to display a state of measuring an edge thickness of the eyeglass lens, to display a simulation of the a shape of a V-shaped protrusion formed on an edge of the eyeglass lens, and to display a grinding process screen such as a state of the processing of an the eyeglass lens, is displayed on the displaying means.

4. (Currently Amended) A layout display apparatus for a lens grinding processing apparatus comprising:

display means on which ~~is displayed data of~~ eyeglass lens shape data for an eyeglass frame, and data of eyeglass lens grinding process ~~which is required to grind the an~~ eyeglass lens based on the data of eyeglass lens shape data for an eyeglass frame are displayed; and

control means for controlling said display means,

wherein said ~~display means~~ has a control means controls level display means which displays a level corresponding to a state of ~~the~~ a progress of ~~the~~ grinding processing of a ~~the~~ eyeglass lens composed from a step measuring an edge thickness of the eyeglass lens based on the ~~data of eyeglass lens shape data for an eyeglass frame,~~ to a step on which ~~the~~ a grinding process of the eyeglass lens has been completed, and controls displaying of said display means so that said level display means is displayed on said display means .

5. (Currently Amended) A lens layout display apparatus for a lens grinding processing apparatus ~~according to claim 4,~~ comprising:

display means on which eyeglass lens shape data for an eyeglass frame, and data of eyeglass lens grinding process required to grind an eyeglass lens based on the eyeglass lens shape data are displayed; and

control means for controlling said display means,

wherein said control means controls level display means which displays a level corresponding to a state of a progress of grinding processing of the eyeglass lens composed from a step measuring an edge thickness of the eyeglass lens based on the eyeglass lens shape data to a step on which a grinding process of the eyeglass lens has been completed, and controls displaying of said display means so that said level display means is displayed on said display means, and

wherein said level display means is a plurality of indicators which is lit and displays corresponding to ~~step-like~~ ~~step-like~~ state of the progress of the grinding processing of a ~~the~~ eyeglass lens composed from the step measuring the edge thickness of the eyeglass lens to the step on which the grinding process of the eyeglass lens has been completed.

6. (New) The lens layout setting apparatus for the lens grinding processing apparatus according to claim 1, wherein said control means controls the setting of said function setting means so that the re-arrangement of the order of said setting item is carried out according to a using frequency of said setting item.

7. (New) The lens layout setting apparatus for the lens grinding processing apparatus according to claim 6, wherein said control means displays said setting item of said function setting means on display means.

8. (New) The lens layout setting apparatus for the lens grinding processing apparatus according to claim 1, wherein said function setting means performs said various settings and the setting of said setting item on display means, and said control means displays displaying of the addition or the deletion of said setting item, or the re-arrangement of the order of said setting item.